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PATENT
Docket No.: 19603/448 (CRF D-193C)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Barany et al.)
Serial No. : 09/918,156)
Cnfrm. No. : 4406)
Filed : July 30, 2001)
For : DETECTION OF NUCLEIC ACID)
SEQUENCE DIFFERENCES USING)
COUPLED LIGASE DETECTION AND)
POLYMERASE CHAIN REACTIONS)

Examiner:
K. Hornick
Art Unit:
1655

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AMENDMENT UNDER 37 C.F.R. § 1.116

U.S. Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202
Box: AF

Dear Sir:

In response to the February 21, 2003, office action, please amend the above-identified patent application as follows:

In the Claims:

Please cancel claim 34.

Please amend claim 55 as follows:

DI 11 ~~55~~ (Amended) A method according to claim 10, wherein the ligation product sequence of the oligonucleotide probes in each particular set generates an extension product of unique length, said method further comprising:

separating the extension products by size or electrophoretic mobility, wherein said detecting differentiates the extension products which differ in size.

DI